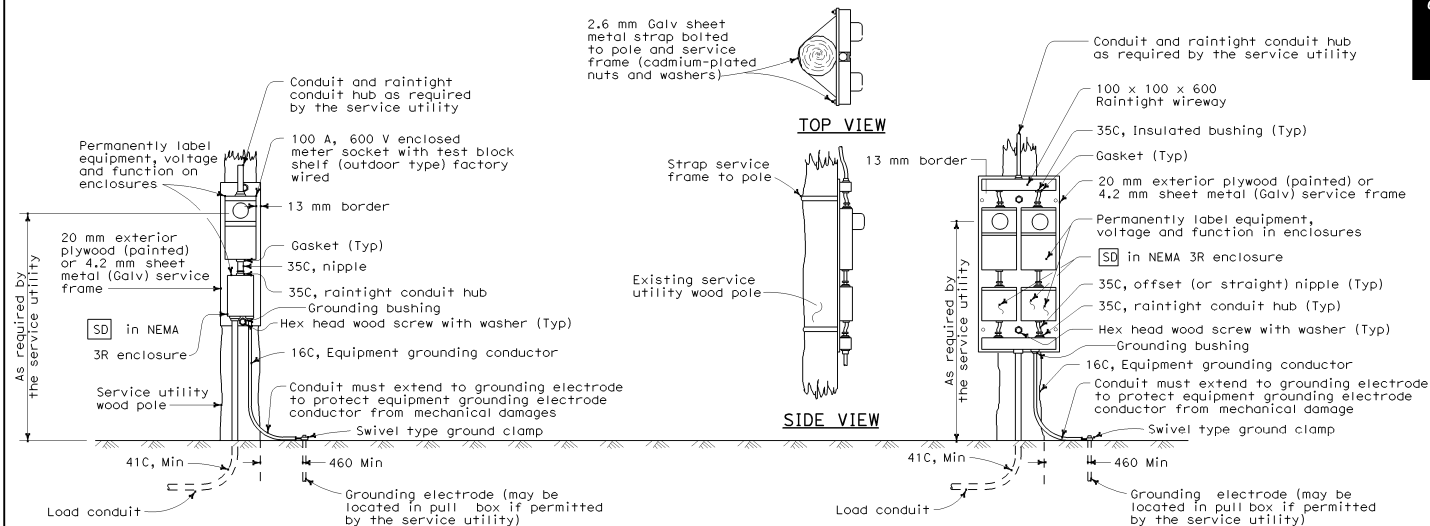
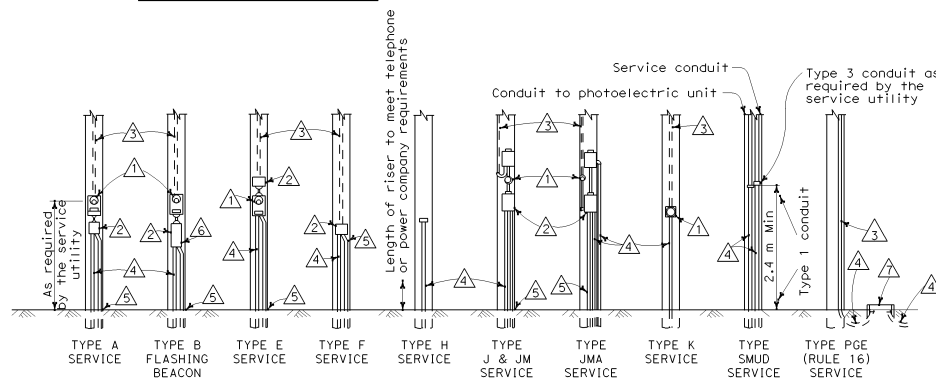


2.6 mm Galv sheet
metal strap bolted
to pole and service
frame (cadmium-plated
nuts and washers)



TYPE SCE-1 SERVICE

TYPE SCE-2 SERVICE



NOTES

- ⚠ Meter socket.
- ⚠ Service enclosure with a minimum 60 A rated main circuit breaker, unless otherwise shown.
- ⚠ (a) Utility owned pole. The service utility will furnish and install required service riser, PEU with conductors and other equipment as needed.
- ⚠ (b) State owned pole. The Contractor shall furnish and install required service riser and equipment.
- ⚠ Conduit, length and size as required.
- ⚠ 16C, 1#6. See "Service Grounding" detail.
- ⚠ Flashing beacon control assembly.
- ⚠ Service pull box, No. 5 unless otherwise noted, furnished and installed by the Contractor. Service utility shall determine the exact location.

POLE MOUNTED SERVICE INSTALLATIONS



| | | | | |
|------|--------|-------|------------------------------|------------------------|
| DIST | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET TOTAL NO. SHEETS |
| | | | | |

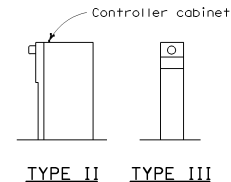
Caltrans metric

Martha V. Shyer
REGISTERED ELECTRICAL ENGINEER
No. E13738
Exp. 6-30-07
STATE OF CALIFORNIA

July 1, 2004
PLANS APPROVAL DATE

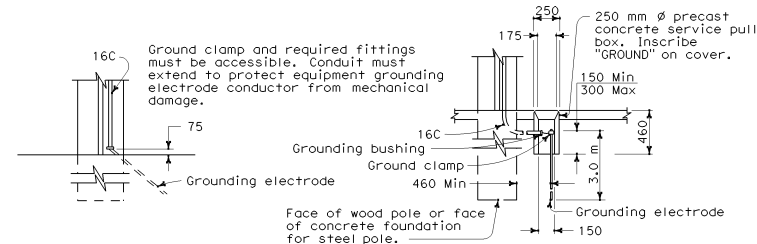
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TYPE OF SERVICE (TYPICAL)

Type II service equipment enclosure mounted on a side of a controller cabinet.
Type III complete free-standing service equipment enclosure.



TYPE A

TYPE B

Use where service utility requires 460 mm clearance between grounding electrode and the pole or service equipment enclosure. Installation shown is for sidewalk or paved areas. In unpaved areas, omit special service pull box and locate ground clamp above ground or locate ground clamp in nearest pull box.

SERVICE GROUNDING

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS
(SERVICE EQUIPMENT)

NO SCALE

ALL DIMENSIONS ARE IN
MILLIMETERS UNLESS OTHERWISE SHOWN

ES-2A